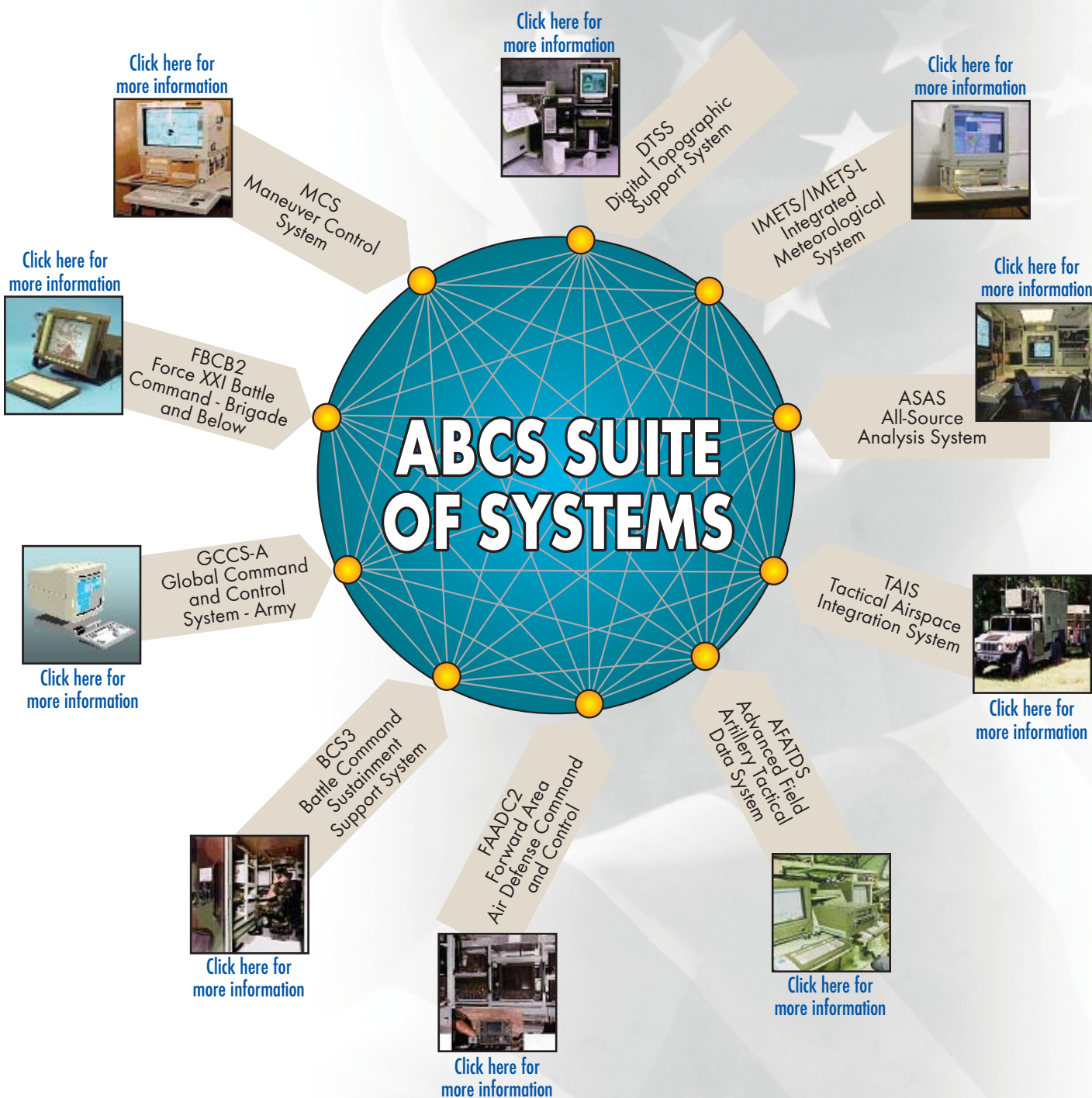


ARMY BATTLE COMMAND SYSTEM (ABCS)



AVIATION SYSTEMS

LIN: H32429, BLACKHAWK (UH-60M)

LIN: Z14922, CH-47F CHINOOK

DESCRIPTION: Provides air assault, general support, command and control, electronic warfare, and special operations support to combat, stability and support operations.

Units Affected: Air Assault, General Support Aviation Battalions, Close Support Aviation Brigades, Combat Aviation Brigades, MedEvac

UH-60M Blackhawk Helicopter

| | |
|---|-----------------|
| FY13 MTOE Requirement..... | 782 |
| Prime on Hand | 0 |
| Acceptable Substitutes on Hand | 655 |
| EDP Quantity Programmed through June 09 | 127 |
| Estimated Quantity Funded beyond the EDP through FY13 | 12 |
| Prime Quantity Shortfall after FY08-13 POM | 780 |
| FY07 Procurement Unit Cost (PUC) | \$16.6 Million |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$1.98 Billion |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$12.33 Billion |

CH-47F Chinook

| | |
|---|-----------------|
| FY13 MTOE Requirement..... | 159 |
| Prime on Hand | 0 |
| Acceptable Substitutes on Hand | 131 |
| EDP Quantity Programmed through June 09 | 0 |
| Estimated Quantity Funded beyond the EDP through FY13 | 17 |
| Prime Quantity Shortfall after FY08-13 POM | 142 |
| FY07 Procurement Unit Cost (PUC) | \$30 Million |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$470 Million |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$5,999 Million |



BLACKHAWK (UH-60M)



CH-47F CHINOOK

CHEMICAL DECONTAMINATION AND DETECTION SYSTEMS

JOINT SERVICES TRANSPORTABLE DECONTAMINATION SYSTEM – SMALL SCALE (JSTDS-SS)

DESCRIPTION: The JSSTDSS-SS is a light-weight transportable multi-purpose decontamination system designed as a replacement for the M12 and M17 Decon Systems fielded from the 1970s. JSTDS-SS is a small pressure washer, heated self-contained unit and can be mounted on a HMMWV or trailer. The system is capable of operational and thorough decontamination of G, V, and H chemical agents.

Units Affected: Combat, Combat Support, Combat Service Support (including TDA units)

JOINT SERVICES TRANSPORTABLE DECONTAMINATION SYSTEM – SMALL SCALE (JSTDS-SS)

| | |
|---|----------------|
| MTOE Requirement | 1,541 |
| Prime on Hand | 0 |
| Acceptable Substitutes on Hand | 342 |
| EDP Quantity Programmed and not yet Executed. | 200 |
| Estimated Quantity Funded beyond the EDP through FY13 | 195 |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced)..... | 1,281 |
| Prime Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 939 |
| FY07 Procurement Unit Cost (PUC) | \$37,000 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$34.7 Million |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$47.4 Million |



FOX M93A1 NUCLEAR, BIOLOGICAL, AND CHEMICAL RECONNAISSANCE SYSTEM (NBCRS)

DESCRIPTION: The Fox is a rolling laboratory that takes air, water, and ground samples and immediately analyzes them for signs of weapons of mass destruction. The Fox M93A1 NBCRS is intended to improve the survivability and mobility of the Army ground forces by providing increased situational awareness and information superiority to headquarters and combat maneuver elements. With the ability to provide rapid, accurate chemical and radiological contamination information to these elements, the NBCRS vehicle forms a key portion of the full-dimensional protection concept.

Units Affected: Combat, Combat Support, Combat Service Support (including TDA units)



DIGITAL ENABLERS

LIN: C78851, MOVEMENT TRACKING SYSTEM (MTS)

DESCRIPTION: MTSs provide asset visibility and situational awareness to the Army through the capability of tracking vehicle locations, communicating with vehicle operators, and redirecting movements based on battlefield requirements.

Units Affected: Combat Service Support units that perform line haul and local haul missions for distribution of all classes of supply

Movement Tracking System (MTS)

| | |
|--|---------------------------|
| FY13 MTOE Requirement | 18,015 (Two LINs) |
| Prime on Hand | 2,285 (Two LINs) |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed and not Executed | 2,971 |
| Estimated Quantity Funded beyond the EDP through FY13 | 19,870 (Total Equip LINs) |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 |
| FY07 Procurement Unit Cost (PUC) | \$24,000 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |



FIELD FEEDING SYSTEMS

LIN: S33399, FOOD SANITATION CENTER (FSC)

DESCRIPTION: Defense Products Division's Containerized Kitchen (CK) is the next-generation field kitchen that provides the Army Soldier with high quality "A" and fresh rations in a controlled environment. The CK is capable of supporting up to 800 Soldiers with three hot cook-prepared perishable, cook-prepared shelf stable, or heat-and-serve ration meals per day. Cooks have commented, "CK is a leap-ahead improvement in field feeding." The FSC is a readily-deployable, supportable, and efficient method of equipment sanitation in support of all field service operations and tactical mission deployments.

Units Affected: Combat, Combat Support, Combat Service Support

Food Sanitation Centers (FSC)

| | |
|--|----------------|
| FY13 MTOE Requirement | 1,042 |
| Prime on Hand | 383 |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed and not Executed | 207 |
| Estimated Quantity Funded beyond the EDP through FY13 | 342 |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced) | |
| Prime Quantity shortfall after FY08-13 POM (no acceptable subs displaced) | 317 |
| FY07 Procurement Unit Cost (PUC) | \$40,000 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$12 Million |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$12.6 Million |



FAMILY OF MEDIUM TACTICAL VEHICLES (FMTV)

LIN: T61704, T41995, T94709, T61239, Z94560, T41203, T61307, T41036, T42063, T41135, T60081, T60149, T61908, T93484, T96564

DESCRIPTION: FMTV is a series of vehicles based on a common chassis, varying in payload and mission configurations. Three truck variants and two companion trailers with the same platform that was designed to replace obsolete and maintenance-intensive trucks, provide air drop capability, perform local and line haul, unit mobility, unit resupply, and other missions.

Units Affected: Combat, Combat Support and Combat Service Support

Family of Medium Tactical Vehicles (FMTV)

| | |
|---|----------------------|
| FY13 MTOE Requirement | 41,097 |
| Prime on Hand..... | 6,473 |
| Acceptable Substitutes on Hand | 25,365 |
| EDP Quantity Programmed and not Executed | 4,860 |
| Estimated Quantity Funded beyond the EDP through FY13 | 14,131 |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced)..... | 15,633 |
| Prime Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 |
| FY07 Procurement Unit Cost (PUC)..... | \$23,752 - \$565,312 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$3,856 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |



TACTICAL QUIET GENERATORS (TQG)

DESCRIPTION: TQGs replace corresponding Military Standard units that are over-aged (18 years +), gasoline and diesel engine-driven with modernized assets that increase safety and survivability by reducing noise levels, reducing weight, providing high altitude electromagnetic pulse protection, and increasing infrared signature suppression.

Units Affected: Combat, Combat Support, Combat Service Support

Tactical Electric Power (TEP), consisting of (3-60KW) and Power Plant Generators

| | |
|--|--|
| FY13 MTOE Requirement | 21,091 (Multiple LINs) |
| Prime on Hand..... | 6,483 (Multiple LINs) |
| Acceptable Substitutes on Hand | 8,349 (Multiple LINs) |
| EDP Quantity Programmed and not Executed | 3,961 (Total Equip LINs) |
| Estimated Quantity Funded beyond the EDP through FY13..... | 19,754 (Total Equip LINs) |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 |
| FY07 Procurement Unit Cost (PUC)..... | \$12,000 small generator; \$38,000 for both 5-60kw medium generators and Power units/Power plants |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |



HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT)/LOAD HANDLING SYSTEM (LHS)

LIN: T39654, B83002, T40999, T63093, T87243, T93761, T96496, S70159, S70594, T59048, S70859, Z00399

DESCRIPTION: The HEMTT series are a range of 8x8 diesel powered off-road capable trucks, used by the U.S. military to perform line and local haul, unit resupply, and related missions in a tactical environment.

Units Affected: Combat, Combat Support, Combat Service Support Units

Family of Heavy Expanded Mobility Tactical Truck (HEMTT)

| | |
|--|------------------------|
| FY13 MTOE Requirement | 8,777 |
| Prime on Hand | 3,163 |
| Acceptable Substitutes on Hand | 1,110 |
| EDP Quantity Programmed and not Executed | 0 |
| Estimated Quantity Funded beyond the EDP through FY13 | 4,018 |
| Prime Quantity Shortfall after FY08-13 POM (No acceptable subs displaced) | 1,596 |
| Prime Quantity Shortfall after FY08-13 POM (All acceptable subs displaced) | 486 |
| FY07 Procurement Unit Cost (PUC) | \$112,584.16-\$446,160 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$611,067 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |



LINE HAUL TRACTOR (M915A3)

LIN: T61103

Description: The M915A3 is a highway tractor used primarily to transport containers over long distances. Although capable of towing other semi trailers, it is intended for use with the 34-ton M872 series semi trailer, 7,500 gallon tanker trailer M1062, and M967/M969 5,000 gallon tanker trailer.

Units Affected: Combat Support, Combat Service Support

Line Haul Tractor M915A3

| | |
|--|-----------|
| FY13 MTOE Requirement | 2,321 |
| Prime on Hand | 2,313 |
| Acceptable Substitutes on Hand | 16 |
| EDP Quantity Programmed and not Executed | 26 |
| Estimated Quantity Funded beyond the EDP through FY13 | 795 |
| Prime Quantity Shortfall after FY08-13 POM (No acceptable subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (All acceptable subs displaced) | 0 |
| FY07 Procurement Unit Cost (PUC) | \$152,250 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |



HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)

LIN: T38844, T61494, T34704

DESCRIPTION: Light, high-mobility, multi-purposed, diesel-powered, four wheel drive vehicle that uses a common chassis.

Units Affected: Combat, Combat Support, Combat Service Support

High Mobility Multi-Purpose Wheeled Vehicle (HMMWV)

| | |
|---|-------------|
| FY13 MTOE Requirement | 49,365 |
| Prime on Hand..... | 24,296 |
| Acceptable Substitutes on Hand | 9,566 |
| EDP Quantity Programmed and not Executed | 6,068 |
| Estimated Quantity Funded beyond the EDP through FY13 | 12,806 |
| Prime Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced)..... | 6,186 |
| FY07 Procurement Unit Cost (PUC) | \$175,760 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$1,375,702 |



HORIZONTAL CONSTRUCTION EQUIPMENT

BRIDGES, COMMON BRIDGE TRANSPORTERS (CBTs), AND SYSTEM ENABLERS

LIN: T91308

DESCRIPTION: The new bridge and bridge transporter systems were developed in an effort to upgrade the old and undersized bridge transporters in order to handle the increased weight of bridge bays and associated bridging equipment. The HEMTT-based CBT vehicle was developed, together with a load handling system, the PLS M1076 trailer, Bridge Adapter Pallets, and Improved Boat Cradles to provide a more capable, flexible, and common truck to transport and deploy both dry and float bridges and bridge erection boats.

Units Affected: Combat Support, Combat Service Support

Common Bridge Transporter (CBT)

| | |
|--|-----------|
| FY13 MTOE Requirement..... | 676 |
| Prime on Hand | 421 |
| Acceptable Substitutes on Hand | 29 |
| EDP Quantity Programmed and not yet Executed. | 0 |
| Estimated Quantity Funded beyond the EDP through FY13 | 683 |
| Quantity Shortfall after FY08-13 POM (all acceptable subs displaced) | 0 |
| Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 |
| FY 07 Procurement Unit Cost (PUC) | \$226,150 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |



HORIZONTAL CONSTRUCTION EQUIPMENT CONTINUED

ENGINEER MISSION MODULES (EMMs) LIN: Z00458, S13546, M81382, D17391

DESCRIPTION: EMMs consist of dump body modules, mobile concrete mixer modules, and bituminous distributor modules. EMM components are designed to be used on the Palletized Load System (PLS) M1075 Truck and M1076 Trailer.

Units Affected: Combat Support, Combat Service Support

Engineer Mission Modules (EMM)

| | |
|---|-----------------------|
| FY13 MTOE Requirement..... | 280 |
| Prime on Hand..... | 166 |
| Acceptable Substitutes on Hand..... | 0 |
| EDP Quantity Programmed and not yet Executed..... | 0 |
| Estimated Quantity Funded beyond the EDP through FY13..... | 286 |
| Quantity Shortfall after FY08-13 POM (all acceptable subs displaced)..... | 0 |
| Quantity Shortfall after FY08-13 POM (no acceptable subs displaced)..... | 0 |
| FY 07 Procurement Unit Cost (PUC)..... | \$37,755 to \$590,000 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced)..... | \$0 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced)..... | \$0 |



JOINT ASSAULT BRIDGE (JAB)

DESCRIPTION: JAB is a vehicle system manufactured at Anniston Army Depot (ANAD) that is designed to transport and deploy the MLC-70 bridge. The program is a concerted effort between the U.S. Marine Corps and the Tank-automotive and Armaments Life Cycle Management Command (TACOM-LCMC), with ANAD as the original equipment manufacturer. This system will replace the Dry Support Bridge.

Dry Support Bridge (DSB)

| | |
|--|----------------|
| FY13 MTOE Requirement..... | 48 |
| Prime on Hand | 4 |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed and not yet Executed..... | 4 |
| Estimated Quantity Funded beyond the EDP through FY13 | 32 |
| Quantity Shortfall after FY08-13 POM (All acceptable subs displaced) | 8 |
| Quantity Shortfall after FY08-13 POM (No acceptable subs displaced) | 8 |
| FY07 Procurement Unit Cost (PUC) | \$2,676,000 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$29.2 Million |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$29.2 Million |



JOINT PRECISION CARGO AIRDROP SYSTEM (JPADS)

DESCRIPTION: JPADS combines the Army's Precision and Extended Glide Airdrop System program with the Air Force's Precision Airdrop System program to meet joint requirements for precision airdrop. JPADS is a high altitude capable guided precision airdrop system that provides increased control release from the aircraft, and reduces on-ground load dispersion with accuracy.



MULTIBAND/MULTIMODE INTEGRATED SATELLITE TERMINAL (MIST) SATELLITE SYSTEM

DESCRIPTION: High Capacity Communications Capability (HC3), the next generation of Army satellite communications, is a family of reconfigurable communications terminals that will provide Soldiers with high-capacity, multiband, multimode connectivity. HC3 will use current and future satellites and will be integrated into the Army's future force communications architecture.

The Multiband/Multimode Integrated Satellite Terminal (MIST)

The requirement for MIST is supported by the Advanced Military Satellite Communications Capstone Requirements Document (CRD), the Warfighter Information Network Master Plan, and the Army Space Master Plan.

MIST will replace the START-T and SMART-T to provide the warfighter with beyond-line-of-sight and reachback communications.



NIGHT VISION EQUIPMENT

THERMAL WEAPON SIGHTS (AN/PAS-13)

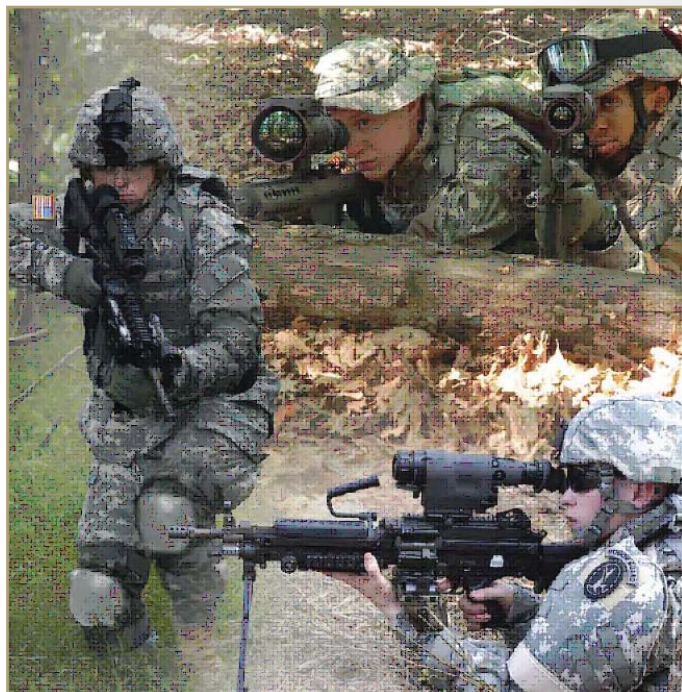
LIN: S60356, S90535, S90603

DESCRIPTION: The family of Thermal Weapon Sights (AN/PAS-13) are lightweight, battery, or external power operated, 2nd-Generation Forward Looking Infrared imaging devices, providing enhanced target acquisition and first round hit capability.

Units Affected: Combat, Combat Support, Combat Service Support

AN/PAS-13 Thermal Weapon Sights

| | |
|---|---|
| FY13 MTOE Requirement..... | 77,545 (FFR Review will change MTOE Requirements) |
| Prime On-Hand | 4,038 |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed Through June 09 | 5,716 |
| Total Quantity Funded through FY13 | 28,433 |
| Prime Quantity Shortfall after FY08-13..... | 49,112 |
| FY07 Procurement Unit Cost (PUC) | \$17,000 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$685.5 Million |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$685.5 Million |



PRECISION STRIKE EQUIPMENT

LIN: R60282, LT WT LASER DESIGNATOR RANGEFINDER (LLDR)

- HQDA G8 is fielding according to the ARPL regardless of component
- COMPO 2 is not scheduled to receive significant quantities of LLDR until FY11 or beyond leaving ARNG units with only 15% of their requirement
- LLDR deliveries are delayed two months due to software qualification issues. The following units are impacted: 2/1 ID (12), 3/25 ID (7), 3/82 (12), NG OK (4), USAFAS (6)
- Overall Army AAO is 3113 (302 systems fielded to date)

Units Affected:

LT WT LASER DESIGNATOR RANGEFINDER (LLDR)

| | |
|------------------------|---------|
| Quantity Required..... | 855 |
| AERC Distro..... | 366 |
| Quantity On-Hand..... | 13 |
| Short..... | 476 |
| Unit Cost..... | \$350 K |



LIN: H57916, M777 LT WT (155MM HOWITZER)

- Production is currently on schedule. FRP is 14 per month
- FY08 ARNG funding buys 2 BN sets (PA and IL ARNG)
- Funding allocated in POM 08-13 and "Grow the Army" enables the ARNG to fill requirement by FY13
- M777A2 (Excalibur Capable) Full Material Release (JUL 07)

Units Affected:

M777 LT WT (155MM HOWITZER)

| | |
|------------------------|--------------------------------|
| Quantity Required..... | 152 |
| AERC Distro..... | 36 |
| Quantity On-Hand..... | 0 |
| Short..... | 116 |
| Unit Cost..... | \$2.3 Million |
| | \$3.0 Million (fully burdened) |

*ARNG programmed to receive the M777 in July 08, fielding the 56/28th SBCT (1-108th FA PAARNG).

** The current M198 is an acceptable substitution for this system until fielding occurs.



RADAR

ENHANCED Q-36 FIREFINDER RADAR

- Due to cancellation of the Q-47 Phoenix, leveraged fire support funding profile to address counterfire requirements
- Lessons learned from Operation Iraqi Freedom/Operation Enduring Freedom validated the urgent need for a 360 degree counterfire radar
- Modular Force Capabilities Gap in the Fires Brigades
- Increased Operations and Maintenance expenditures due to aging counterfire radar fleet
- Replaces AN/TPQ-36 and AN/TPQ-37
- Eliminates Electronic Obsolescence (O&S Cost)
- Reduces Crew Size from 6 to 4 for Q-36 and 12 to 4 for Q-37



RADIOS

SINGLE CHANNEL GROUND AND AIR RADIO SYSTEM (SINGARS)

LIN: R67330, R44999, R68146, R83141, R68044, R67296, R57606

DESCRIPTION: SINGARS Provide commanders with a highly reliable, secure, easily maintained combat net radio with voice and data handling capability, in support of command and control operations.



Units Affected: Combat, Combat Support, Combat Service Support

Single Channel Ground and Air Radio System (SINGARS)

| | |
|---|-----------------|
| FY13 MTOE Requirement | 93,843 |
| Prime on Hand..... | 52,148 |
| Acceptable Substitutes on Hand | 16,378 |
| EDP Quantity Programmed and not Executed | 11,820 |
| Estimated Quantity Funded beyond the EDP through FY13 | 14,719 |
| Prime Quantity Shortfall after FY08-13 POM (All acceptable subs displaced)..... | 15,156 |
| Prime Quantity Shortfall after FY08-13 POM (No acceptable subs displaced)..... | 0 |
| FY07 Procurement Unit Cost (PUC) | \$17,000 |
| Funding Shortfall after FY08-13 POM (All acceptable subs displaced) | \$345.3 Million |
| Funding Shortfall after FY08-13 POM (No acceptable subs displaced)..... | \$ 0 |

ROUTE AND AREA CLEARANCE EQUIPMENT

AN/PSS-14 HANDHELD-MINE DETECTOR

DESCRIPTION: The AN/PSS-14 is a handheld-mine detector capable of detecting all metallic and low-metallic antitank (AT) and antipersonnel (AP) mines. It combines ground penetrating radar and an improved metal detector to provide a robust probability of detection for both large and small metallic and low-metallic AT and AP mines.

Units Affected: Combat

AN/PSS-14 Handheld-Mine Detector

| | |
|--|----------|
| FY13 MTOE Requirement | 3,859 |
| Prime on Hand | 218 |
| Acceptable Substitutes on Hand | 318 |
| EDP Quantity Programmed and not yet Executed | 472 |
| Estimated Quantity Funded beyond the EDP through FY13 | 5,004 |
| Quantity Shortfall after FY08-13 POM (all acceptable subs displaced) | 0 |
| Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 |
| FY07 Procurement Unit Cost (PUC) | \$19,300 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |



SMALL ARMS

DESCRIPTION: The M240B Medium Machine Gun, and the M2 .50 CAL Heavy Machine Gun are weapons that provide the individual Soldier the capability to engage targets at extended range with accurate, lethal fire. The Infrared Illuminator projects an infrared laser beam, which cannot be seen with the eye but can be seen with night vision devices.

Units Affected: Combat, Combat Support, Combat Service Support

M240B 7.62mm Medium Machine Gun

| | |
|---|---------|
| FY13 MTOE Requirement | 12,800 |
| Prime on Hand..... | 4,889 |
| Acceptable Substitutes on Hand..... | 466 |
| EDP Quantity Programmed and not yet Executed..... | 0 |
| Estimated Quantity Funded beyond the EDP through FY13..... | 9,862 |
| Prime Quantity Shortfall after FY08-13 POM (subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (no subs displaced)..... | 0 |
| FY07 Procurement Unit Cost (PUC)..... | \$6,800 |
| Funding Shortfall after FY08-13 POM (subs displaced) | 0 |
| Funding Shortfall after FY08-13 POM (no subs displaced) | 0 |



M2 .50 CAL Heavy Machine Gun

| | |
|---|-----------------|
| FY13 MTOE Requirement | 16,339 |
| Prime on Hand..... | 9,093 |
| Acceptable Substitutes on Hand..... | 46 |
| EDP Quantity Programmed through June 09 | 1,006 |
| Total Quantity Funded through FY13 | 1,390 |
| Prime Quantity Shortfall after FY08-13 POM..... | 5,810 |
| FY07 Procurement Unit Cost (PUC)..... | \$15,375 |
| Funding Shortfall after FY08-13 POM (no subs displaced)..... | \$13.2 Million |
| Funding Shortfall after FY08-13 POM (all subs displaced)..... | \$123.5 Million |



LIGHT INFRARED: AN/PAQ-4 and AN/PEQ-2

| | |
|---|---------|
| FY13 MTOE Requirement | 101,184 |
| Prime on Hand..... | 29,491 |
| Acceptable Substitutes on Hand | 3,846 |
| EDP Quantity Programmed and not yet Executed | 4,000 |
| Estimated Quantity Funded beyond the EDP through FY13..... | 67,850 |
| Prime Quantity Shortfall after FY08-13 POM (subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (no subs displaced)..... | 0 |
| FY07 Procurement Unit Cost (PUC) | \$530 |
| Funding Shortfall after FY08-13 POM (subs displaced) | 0 |
| Funding Shortfall after FY08-13 POM (no subs displaced) | 0 |



STRYKER VEHICLES

M113 FAMILY OF VEHICLES (FOVs)

The STRYKER FOVs will replace the M113 FOVs. The replacement process is on-going and is being handled by Headquarters, Department of the Army G8.

M113 Family of Vehicles (M113A3, M1068A3, M1064A3, M577A3)

| | |
|--|-------------------|
| FY13 MTOE Requirement | 2,127 |
| Prime on Hand..... | 1,157 |
| Acceptable Substitutes on Hand..... | 792 |
| EDP Quantity Programmed through June 09 | 234 |
| Estimated Quantity Funded beyond the EDP through FY13 | 0 |
| Prime Quantity Shortfall after FY08-13 POM..... | 1,204 |
| FY07 Procurement Unit Cost (PUC) | \$235,000 (RESET) |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced)..... | \$118 Million |



TACTICAL TRAILERS

LIN: S70159, M872

LIN: S70027, M871

DESCRIPTION: The M872 is a commercially-designed 34-ton semi-trailer that is used to transport break-bulk or containerized cargo. The M871 is a commercially-designed 22.5-ton semi-trailer that is used to transport break-bulk and containerized cargo.

Units Affected: Combat Support, Combat Service Support

34 T Semi-Trailer (M872A4)

| | |
|---|-----------|
| FY13 MTOE Requirement | 4,323 |
| Prime on Hand..... | 2,201 |
| Acceptable Substitutes on Hand | 180 |
| EDP Quantity Programmed and not Executed | 266 |
| Estimated Quantity Funded beyond the EDP through FY13 | 224 |
| Prime Quantity Shortfall after FY08-13 POM (No acceptable subs displaced) | 1,452 |
| Prime Quantity Shortfall after FY08-13 POM (All acceptable subs displaced)..... | 1,632 |
| FY07 Procurement Unit Cost (PUC) | \$54,291 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$105,610 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$118,706 |

22 1/2 T Semi-Trailer (M871A3)

| | |
|--|----------|
| FY13 MTOE Requirement..... | 3,718 |
| Prime on Hand..... | 4,041 |
| Acceptable Substitutes on Hand | 235 |
| EDP Quantity Programmed and not Executed | 257 |
| Estimated Quantity Funded beyond the EDP through FY13 | 0 |
| Prime Quantity Shortfall after FY08-13 POM (No acceptable subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (All acceptable subs displaced) | 0 |
| FY07 Procurement Unit Cost (PUC) | \$35,227 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 |



TACTICAL WATER SYSTEMS

LIN: W47475, TWPS; LIN: T32629, HIPPO; LIN: Z36683, CAMEL

DESCRIPTION: The Tactical Water Purification System (TWPS) is a 1,500 gallon-per-hour state-of-the-art reverse osmosis system that provides mobile, tactical water purification capability to support requirements within the division support area. The Compatible Water Tank Rack System (HIPPO) is a mobile hard wall system mounted on an International Standardization Organization Tank Rack and provides both bulk and retail water distribution capabilities. The Unit Water Pod System (CAMEL) consists of a 900-gallon capacity water pod mounted on a Medium Tactical Vehicle Trailer. The system is designed to receive, store, issue, and transport potable water to meet requirements for all types of units.

Units Affected: Combat Support, Combat Service Support

Tactical Water Purification System (TWPS)

| | |
|--|-----------------|
| FY13 MTOE Requirement | 121 |
| Prime on Hand | 11 |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed and not Executed | 98 |
| Estimated Quantity Funded beyond the EDP through FY13 | 106 |
| Prime Quantity Shortfall after FY08-13 POM (subs displaced) | 15 |
| Prime Quantity Shortfall after FY08-13 POM (no subs displaced) | 15 |
| FY07 Procurement Unit Cost (PUC) | \$532,000 |
| Funding Shortfall after FY08-13 POM (subs displaced) | \$6.477 Million |
| Funding Shortfall after FY08-13 POM (no subs displaced) | \$6.477 Million |



Tank Water (HIPPO): 2,000 Gallon Dismountable

| | |
|--|----------------|
| FY13 MTOE Requirement | 205 |
| Prime on Hand | 28 |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed and not Executed | 107 |
| Estimated Quantity Funded beyond the EDP through FY13 | 94 |
| Prime Quantity Shortfall after FY08-13 POM (subs displaced) | 112 |
| Prime Quantity Shortfall after FY08-13 POM (no subs displaced) | 93 |
| FY07 Procurement Unit Cost (PUC) | \$142,000 |
| Funding Shortfall after FY08-13 POM (subs displaced) | \$15.8 Million |
| Funding Shortfall after FY08-13 POM (no subs displaced) | \$15.8 Million |



Unit Water Pod System (CAMEL)

| | |
|--|--|
| FY13 MTOE Requirement | 98; Objective Table of Organization and Equipment RQMT 1,878 |
| Prime on Hand | 0 |
| Acceptable Substitutes on Hand | 17 (Available Substitutes: 3396 LIN: W98825) |
| EDP Quantity Programmed and not yet Executed | 321 |
| Estimated Quantity Funded beyond the EDP through FY13 | 322 |
| Prime Quantity Shortfall after FY08-13 POM (all acceptable subs displaced) | 0 |
| Prime Quantity Shortfall after FY08-13 POM (no acceptable subs displaced) | 0 MTOE, (164M OTOE) |
| FY07 Procurement Unit Cost (PUC) | \$100,000 |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$0 MTOE (\$164M OTOE) |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$0 MTOE |



TRACKED VEHICLES

ABRAMS, BRADLEY

DESCRIPTION: The Abrams Armor Systems consists of a M1A1 AIM and the M1A2 SEP. The Abrams Integrated Management (AIM) Overhaul Program refurbishes the tank to a like-new condition. AIM Overhaul increases readiness, reduces operations and support costs, standardizes configuration, and sustains the Abrams industrial base. The mission of the Bradley Fighting Vehicle (BFV) is to provide mobile protected transport of an infantry squad to critical points on the battlefield and to perform cavalry scout missions. The BFV is a fully-armored, fully-tracked vehicle designed to carry Mechanized Infantry into close contact with the enemy.

Units Affected: Combat

M1A1 AIM and M1A2 SEP (ABRAMS)

| | |
|--|-----------------|
| FY13 MTOE Requirement: | 464 |
| Prime on Hand: | 116 |
| Acceptable Substitutes on Hand: | 0 |
| EDP Quantity Programmed through June 09: | 58 |
| Estimated Quantity Funded beyond the EDP through FY13: | 222 |
| Prime Quantity Shortfall after FY08-13 POM: | 58 |
| FY07 Procurement Unit Cost (PUC): | \$2.3 Million |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced): | \$131.7 Million |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced): | \$131.7 Million |

Bradley Family of Vehicles (M2 ODS, M3 ODS, M7 BFIST, ODS-Engineer)

| | |
|--|--------------|
| FY13 MTOE Requirement: | 1,038 |
| Prime on Hand: | 80 |
| Acceptable Substitutes on Hand: | 0 |
| EDP Quantity Programmed through June 09: | 171 |
| Estimated Quantity Funded beyond the EDP through FY13: | 649 |
| Prime Quantity Shortfall after FY08-13 POM: | 116 |
| FY07 Procurement Unit Cost (PUC): | \$735,000 |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced): | \$98 Million |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced): | \$98 Million |



Units Affected: All UEx, Brigade Combat Team, Support Units of Action, Network Signal Companies

| | |
|---|------------------------------------|
| FY13 MTOE Requirement | 88 |
| Prime on Hand | 8 |
| Acceptable Substitutes on Hand | 0 |
| EDP Quantity Programmed through June 09 | 13 |
| Estimated Quantity Funded beyond the EDP through FY13 | 0 |
| Prime Quantity Shortfall after FY08-13 POM | 67 |
| FY07 Procurement Unit Cost (PUC) | \$ Varies by Unit type (SEE GRAPH) |
| Funding Shortfall after FY08-13 POM (no acceptable subs displaced) | \$1,214,748 Million |
| Funding Shortfall after FY08-13 POM (all acceptable subs displaced) | \$1,214,748 Million |

The diagram illustrates the JATN architecture across three layers:

- Space Layer:** Utilizes available MILSATCOM (Ku-band Commercial). Includes components like Reach & Robustback, Airforce, Westland, Commercial, and Future TCG.
- Airborne Layer:** WCP - JMWLT Communications Payload Air-to-Ground. HNW - Highband Networking Waveform. Includes components like Reach, FRODOG, and EBRP WCP.
- Ground Layer:** TCN Tactical Communications Node, NOSC Net Ops & Security Center, MCN Modular Communications Node, JGN Joint Gateway Node, PoP Point of Presence, TR Tactical Relay, PCD Personal Comm Device. Includes components like STI, JCN, PCD, TR, PoP, NOFC, TCN, and EXTERNAL SYSTEMS.

Access Waveforms: WTT, BTT, 3G Cellular, WAW, SRW, LP, IS, SINGULAR.

Transmission Subsystems Features:

- Bandwidth on-the-move
- CP LAN management
- Converged IP Infrastructure for Voice, Data & Video
- Current Force Interoperability
- Leverages COTS technology and standard interfaces
- PvM & IPv6 Core Network
- Self-healing
- Scalable

Legend:

- SATCOM
- Air to Ground LOS
- Ground to Ground LOS
- Wireless
- 3G Cellular
- Cable Connections
- Marine Corps Condo

